

CLAIMS

I claim:

1. A pre-formed concrete section comprising:
a deck including:
 - 5 a first side, a second side opposite the first side, and a width extending between the first and second sides;
a top surface, a bottom surface opposite the top surface, and a thickness extending between the top and bottom surfaces; and
a first leg and a second leg projecting from the bottom surface, the distance,
10 in a direction substantially parallel to the deck, from the center of the first leg to the center of the second leg being more than two times greater than the distance from the first side to the center of the first leg.
2. The concrete section of Claim 1, wherein the distance, in a direction
15 substantially parallel to the deck, from the center of the first leg to the center of the second leg is at least three times greater than the distance from the first side to the center of the first leg.
3. The concrete section of Claim 1, wherein the distance, in a direction
20 substantially parallel to the deck, between the center of the first leg and the center of the second leg is between about two and four times greater than the distance from the first side to the center of the first leg.
4. The concrete section of Claim 1, wherein the width of the deck is more than
25 four times greater than the distance, in a direction substantially parallel to the deck, from the first side to the center of the first leg.
5. The concrete section of Claim 1, wherein the distance, in a direction
substantially parallel to the deck, between the center of the first leg and the center of the
30 second leg is more than half the width of the deck.

6. A pre-formed concrete section comprising:

a deck having:

a first side, a second side opposite the first side, and a width extending between the first and second sides;

5 a top surface, a bottom surface opposite the top surface, and a thickness extending between the top and bottom surfaces;

a first leg and a second leg projecting from the bottom surface;

the deck further comprising:

10 a first outer portion extending generally from the first leg toward the first side, the thickness of the deck generally decreasing as the first outer portion extends outwardly from the first leg toward the first side; and

15 a second outer portion extending generally from the second leg toward the second side, the thickness of the deck generally decreasing as the second outer portion extends outwardly from the second leg toward the second side.

7. The concrete section of Claim 6, wherein the deck comprises:

20 a central portion disposed between the first and second legs, the thickness of the deck being substantially constant as the central portion extends along at least a portion of the width of the deck;

a first inner portion extending between the first leg and the central portion of the deck, the thickness of the deck decreasing as the first inner portion extends inwardly from the first leg to the central portion; and

25 a second inner portion extending between the second leg and the central portion of the deck, the thickness of the deck decreasing as the second inner portion extends inwardly from the second leg toward the central portion.

8. The concrete section of Claim 7, wherein the thickness of the deck at the first side is less than the thickness of the deck at the central portion.

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9. The concrete section of Claim 6, wherein the thickness of the deck decreases at a relatively constant rate as the first and second outer portions extend outwardly from the first and second leg, respectively, toward the first and second side, respectively.

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10. The concrete section of Claim 6, wherein the width of the deck is between about 17 feet and about 19 feet.

11. The concrete section of Claim 6, wherein the width of the deck is about 18 feet.

12. The concrete section of Claim 6, wherein the distance, in a direction substantially parallel to the deck, from the center of the first leg to the center of the second leg is more than two times greater than the distance from the first side to the center of the first leg.

13. The concrete section of Claim 6, wherein the distance, in a direction substantially parallel to the deck, from the center of the first leg to the center of the second leg is at least three times greater than the distance from the first side to the center of the first leg.

14. The concrete section of Claim 6, wherein the distance, in a direction substantially parallel to the deck, between the center of the first leg and the center of the second leg is between about two and four times greater than the distance from the first side to the center of the first leg.

15. The concrete section of Claim 6, wherein the width of the deck is more than four times greater than the distance, in a direction substantially parallel to the deck, from the first side to the center of the first leg.

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16. The concrete section of Claim 6, wherein the distance, in a direction substantially parallel to the deck, between the center of the first leg and the center of the second leg is more than half the width of the deck.

17. A pre-formed concrete section comprising:

a deck having:

a first side, a second side opposite the first side, and a width extending between the first and second sides;

5 a top surface, a bottom surface opposite the top surface, and a thickness extending between the top and bottom surfaces;

a first leg and a second leg projecting from the bottom surface, the distance, in a direction substantially parallel to the deck, from the center of the first leg to the center of the second leg being more than two times greater than the distance from the first side to the center of the first leg.;

10 the deck further comprising:

a first outer portion extending generally from the first leg toward the first side, the thickness of the deck generally decreasing as the first outer portion extends outwardly from the first leg toward the first side; and

15 a second outer portion extending generally from the second leg toward the second side, the thickness of the deck generally decreasing as the second outer portion extends outwardly from the second leg toward the second side.

20 18. The concrete section of Claim 16, wherein the distance, in a direction substantially parallel to the deck, from the center of the first leg to the center of the second leg is at least three times greater than the distance from the first side to the center of the first leg.

25 19. The concrete section of Claim 16, wherein the distance, in a direction substantially parallel to the deck, between the center of the first leg and the center of the second leg is between about two and four times greater than the distance from the first side to the center of the first leg.

30 20. The concrete section of Claim 16, wherein the width of the deck is more than four times greater than the distance, in a direction substantially parallel to the deck, from the first side to the center of the first leg.

21. A concrete section assembly comprising:

at least two pre-formed concrete sections, each section being a unitary construction and comprising:

5 a deck having a first side, a second side opposite the first side, a width extending between the first and second sides, a top surface, a bottom surface opposite the top surface, and a thickness extending between the top and bottom surfaces;

a first leg and a second leg projecting from the bottom surface of the deck;

10 wherein the at least two sections are connected to one another with the decks of each section being substantially co-planar and the second side of the deck of a first section being connected to the first side of the deck of a second section adjoining the first section, the distance, in a direction substantially parallel to the deck of each section, from the center of the first leg to the second leg of the first section is greater than the
15 distance from the center of the second leg of the first section to the center of the first leg of the second section adjoining the first section.